A TASTE OF THE FUTURE

User manual

COFFEE QUEEN

Prince

U / GB

Your retail dealer

.....

.....

Rev. 071117

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OPERATING INSTRUCTIONS:

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We congratulate to your choice of a Coffee Queen Coffee machine.

Please read this manual before you take the machine into operation for the first time.

The manual contains important instructions for a safe and proper use of the machine.

Always keep this manual within reach for the user!

Coffee Queen / *Prince*

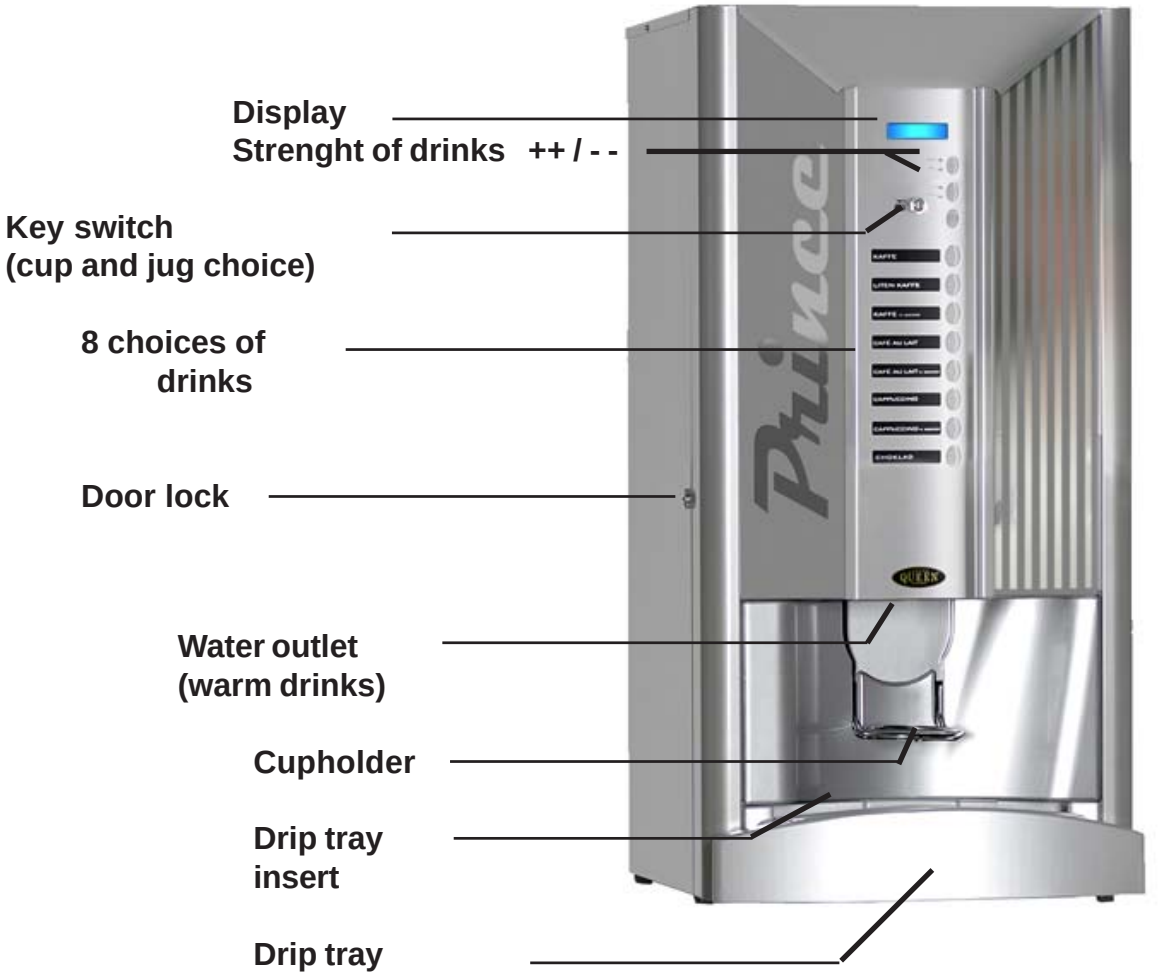
- Making coffee cup by cup
- Automatic waterfilling
- Jug facility with key switch
- 8 choices of drinks,
- 3 ingredients canisters,
- Electronically temperature controlled
- Adjustable coffee strenght
- Illuminated cup while brewing
- Clock functions
- Base cabinet with storage and large waste bin (optional)
- Manufactured in stainless steel

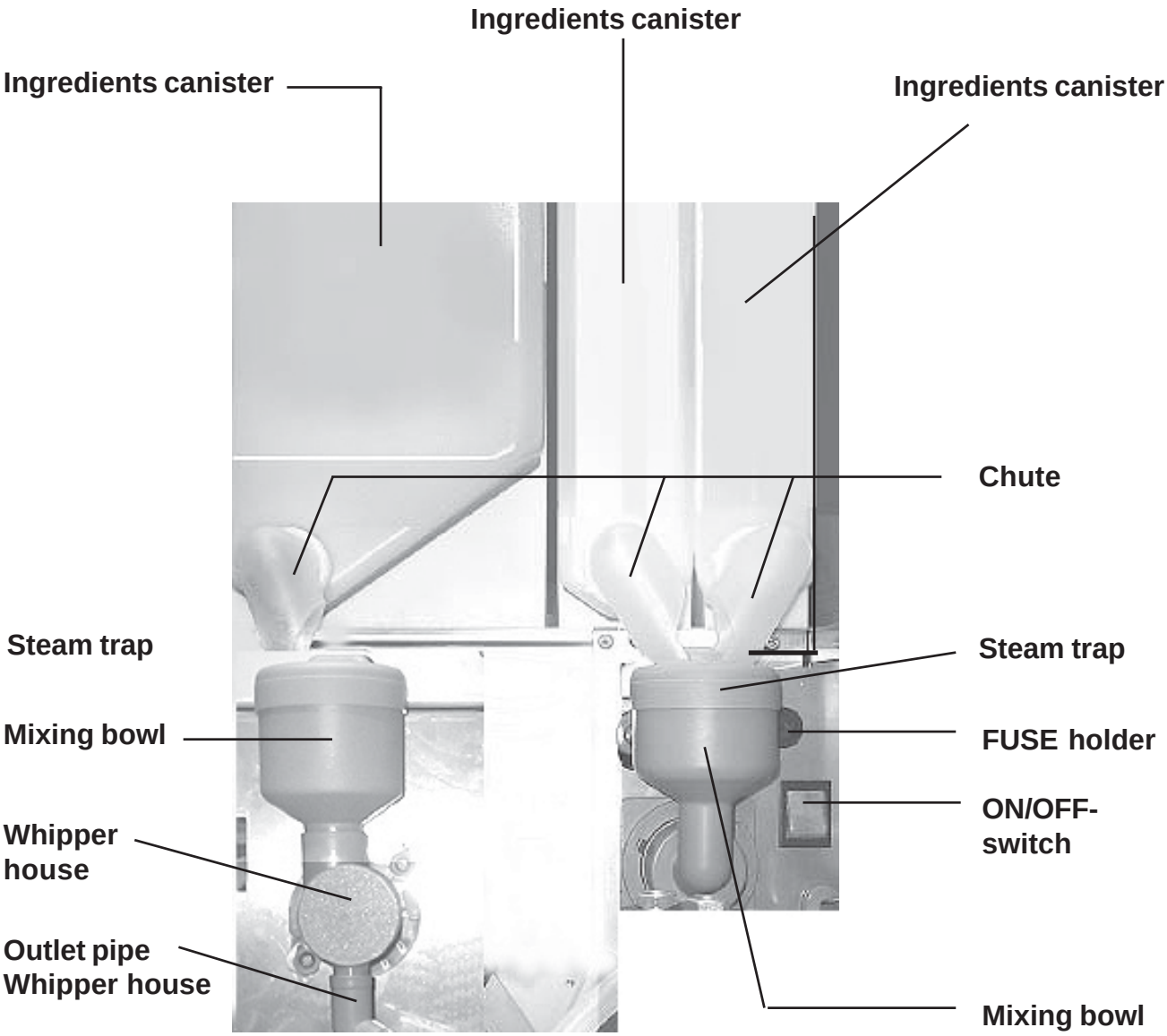
Facts:	**Prince**
Height	860mm
Width	420mm
Depth	580mm
Weight	55kg
Volume, water tank	6.0 litre
Electricity	230V/2200W
Water connection	½"outside thread

Capacity:

Cups of coffee	580 cups/filling
Ingredients canisters	3 st. (coffee, chocolate, topping).

3. Overview of components , front Prince





Detail;	Ingredients;	Width;	Height;	Depth;	Volume/litre;	Amount/unit
Canister;	coffee	160	250	232	5,3	1
Canister;	choco	78	250	221	2,55	1
Canister;	topping	78	250	221	2,55	1

1. Place the brewer on a flat level and waterproof surface.

Connect the electrical plug to a separate grounded wall socket

Grounded wall socket
230V 10A

OBSERVE!
Make sure there is a space behind the machine for free flow of air.
(minimum 10cm).

2. Connect attached water tube to cold water with an R 1/2".
Make sure that the water hose not are kinked anywhere when machine is pushed into place.

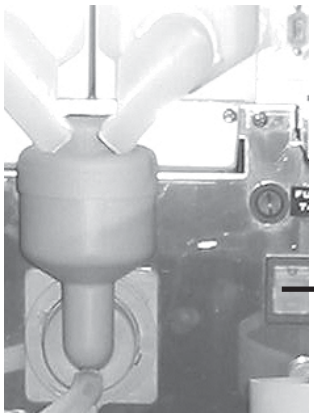
Please flush the water tube before connecting to machine, this to avoid any particles to damage the inlet valve.

3. Open the water inlet.

4. Turn on the ON-OFF switch inside the door.

Water is been filled into the tank automatically with 6,0 litres of water. The heating will not start before the water level reaches the level sensor.

Set temperature is approx. 85ºC.



ON / OFF Switch

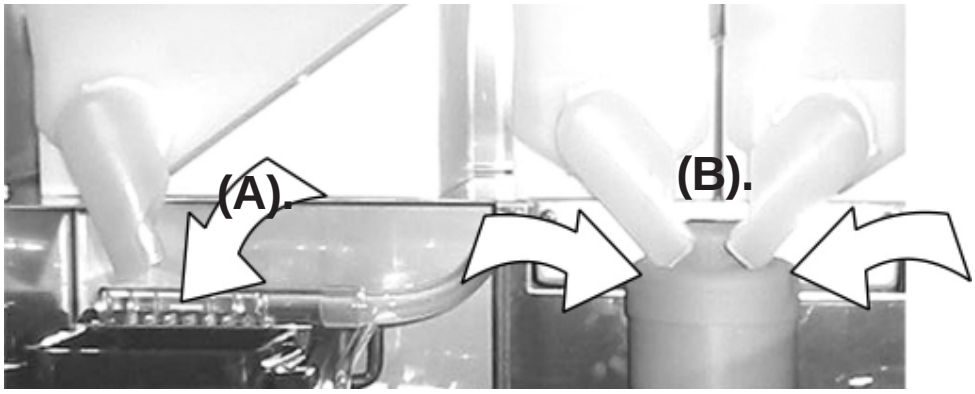
5. Close door.

6. Fill canisters with ingredients.

Take out (this to avoid unnecessery spillage in the machine) ingredient canisters and fill them with ingredients.

7. When placing the ingredient canisters;

When assembling cainsters, make sure that the outlet pipes on the ingredient canisters are touching the steam traps.



When the water is heated up to right temperature

the message **”please wait”** will disappear and the machine **is ready to use.**

Brewing of coffe. Chocolate etc.

1. Place a cup in the centre of the cup holder..

2. The strenght has a standard setting,
if you wish to increase or decrease it, do as follows
if not continue to point 3.

Stronger drink;
Increase by pushing + or ++ for 5% or 10%
alternative
Weaker drink;
Decrease by pushing - or -- for 5% or 10%
(the indication lamp will go up or down depending of choice).

3. Choose drink by pushing on the button to the right of each menu
The display will show; ”Please wait”, and the cup will be illuminated.

4. Wait until the light on cup and the message ”Please wait” has been turned off before you take your cup.

5. Enjoy your drink.

Brewing of jug.

1. Place a jug in the centre of drip tray by lifting up the cupholder.

2. Turn on the key with jug symbole clockwise.

3. 6 cups of brewing is standard settings,

Change amount of cups by pushing + or - button.
Optional up to 12 cups or down to 1 cup brewing.

4. Push the button to the right of menu ”Coffee”

5. Wait until the light and message ”Please wait” has been turned off before you take out the jug.

6. Serve a jug with good coffee.

Cleaning and maintenance

NOTE!
Daily, Weekly and Monthly cleaning
of your machine, describes in the plastic cleaning instructions, following the coffee machine.

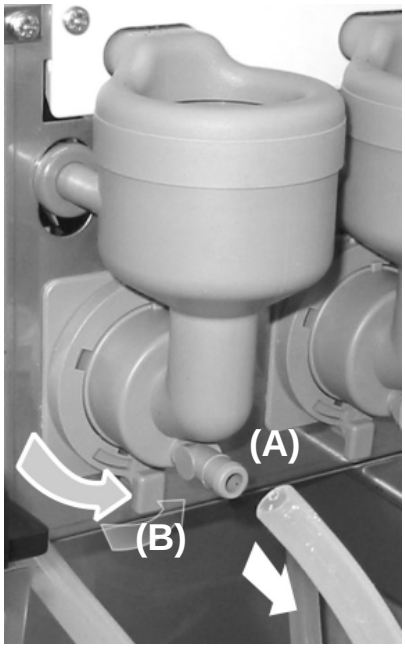
Also see: The recommended cleaning instructions
in your manual.

Cleaning each week: of mixer bowl.

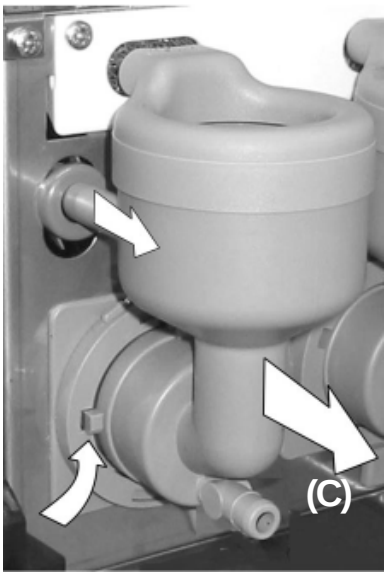
Outside cleaning; use a soft rag and liquid cleaning agent to prevent scratches.

Dismantle : Mixer system

1.
Loosen outlet hose **(A)** and turn lock knob **(B)** anti-clockwise.



2.
Loosen mixer bowl. Pull apart **(C)**.

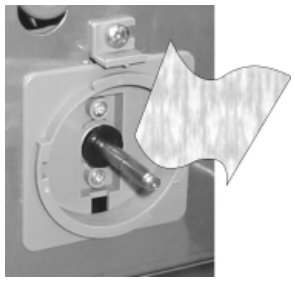


3.
Loosen whipper **(D)** pull whipper straight out from the machine.

4.
Turn lock knob anti-clockwise.**(E)** until it stops

Cleaning

5. Clean with a wet rag and drought drily.



Wash these parts:

.6.

A. Mixer bowl

B. Steam trap

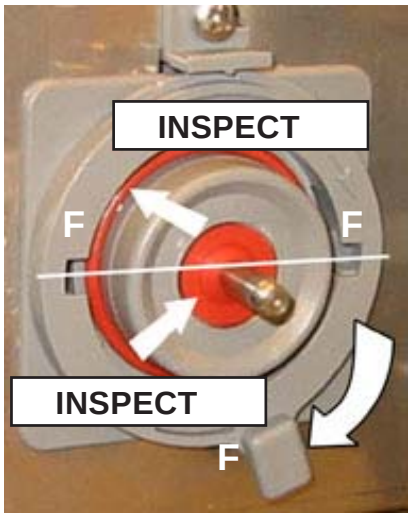
C. Whipper

D. Assembly plate

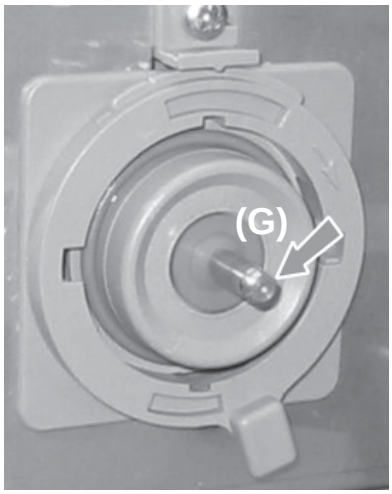
Make sure this parts are dry before use

REASSEMBLE: Mixer system

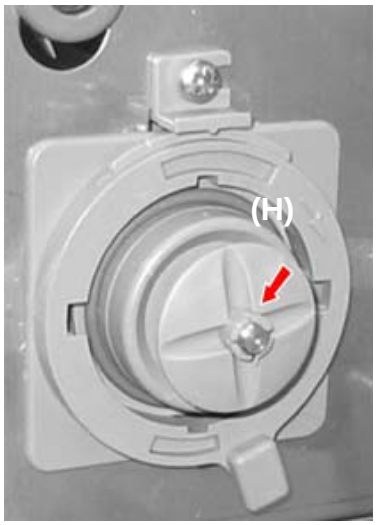
7.
Reassemble the assembly plate by turning lock knob **(F)** clockwise. **INSPECT** gaskets.

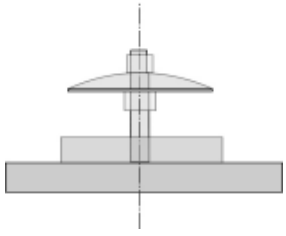


8.
Make sure that the motor whippers plane side will be in accordance with the whippers plane side. see next **(G)** and picture **(H).**

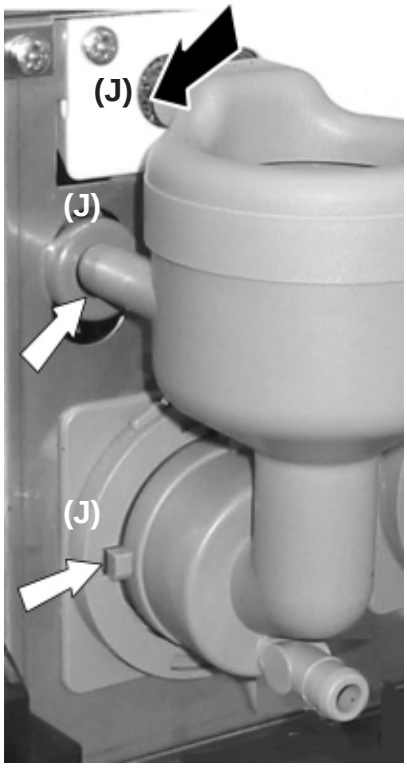


9.
Assemble whipper , pull until you hear a clicking noise. **(H).**

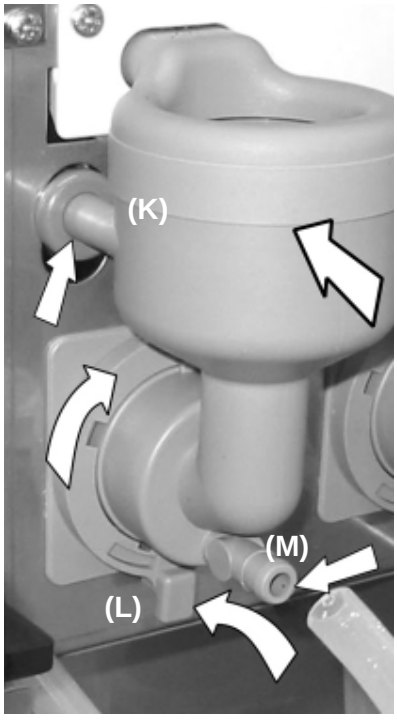




10.
Assemble mixer bowl and steam trap **(J)** see picture.

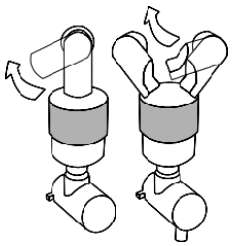


11.
Easily push the mixer bowl towards, according to **(K)** and lock with lock knob **(L).**Connect outlet hose **(M).**
(**NOTE**! make sure that all water hose are connected at right place



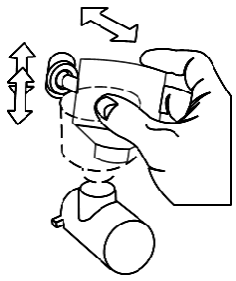
Dismantle mixing system:

1.

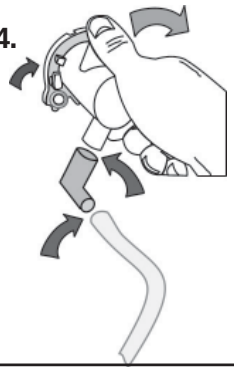


2.

3.



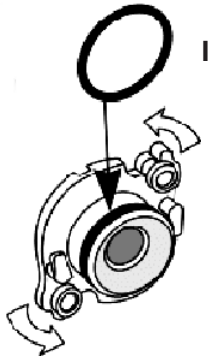
4.



5.

Reassemble mixing system:

7.

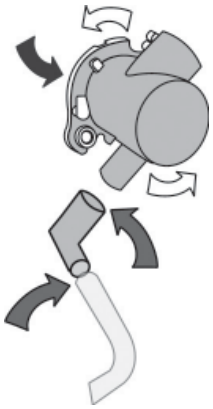


INSPECT O-ring

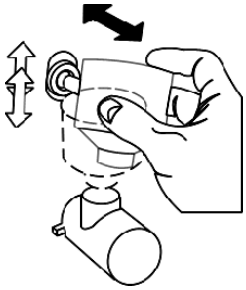
INSPECT

8.

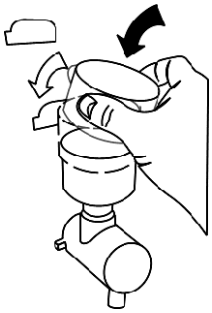
9.



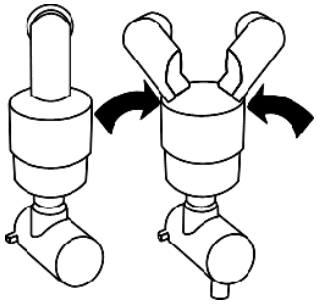
10.



11.



12.

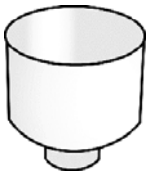


13.

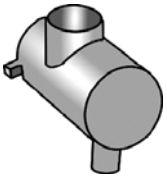
6. Wash these parts **Can be washed in a dishing machine**

A.

B.

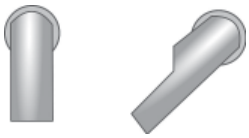


C.



D.

E.



F.

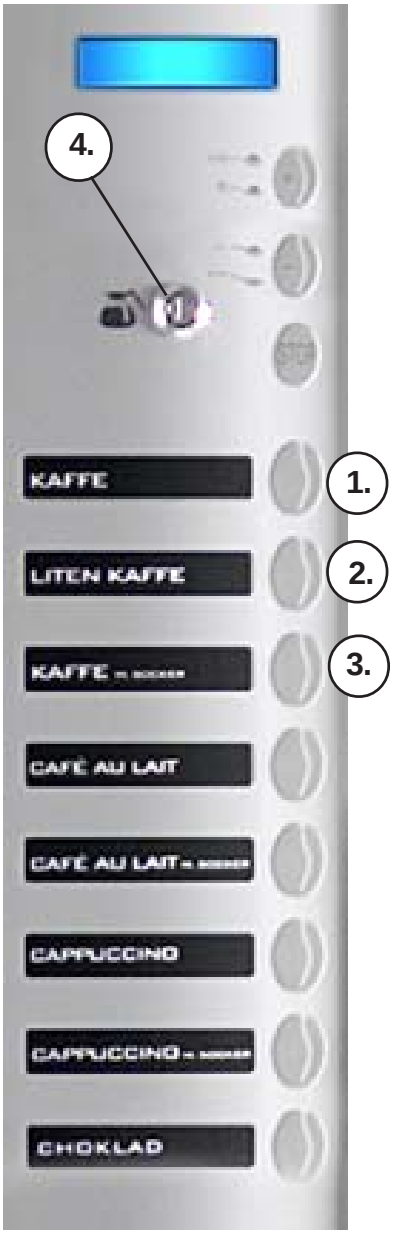
A. Steam trap B. Mixing bowl C. Whipper house
D. Assembly plate E. Chute
F. Outlet-coupling(angel)

Note! Make sure this parts are dry before use

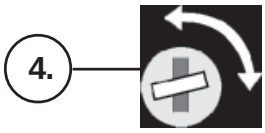
Automatic cleaning of mixing system.

The mixer bowl can easily be cleaned with the key switch in ”cup” (normal) position.

Automatic cleaning of mixing system, mixing bowl 1 and 2.
Follow these instructions: 1,2,3,4.



1. **Place a jug in the drip tray.**



2. Turn the key (4) slowly ninety degrees and back again.
Push button for <u>drink 1</u> for 6 seconds.

Cleaning mixing bowl 1 or 2.

Automatic cleaning; mixing bowl 1.
Turn the key (4) slowly ninety degrees and back again.
Push button for drink 2.

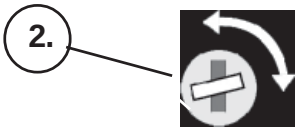
Automatic cleaning; mixing bowl 2.
Turn the key (4) slowly ninety degrees and back again.
Push button for drink 3.

3. After 4 seconds the signal will go faster.

4. After 6 seconds the mixer bowl starts to be cleaned as long as the button is pushed or max. 10 seconds.
The display shows: ”Cleaning Mixer 1,2”.

By cleaning means that water is flushed and whipper motor rotates.

Automatic cleaning of In/Outlet valves:
The In/Outlet valves can easily be cleaned with the key switch in ”cup” (normal) position.

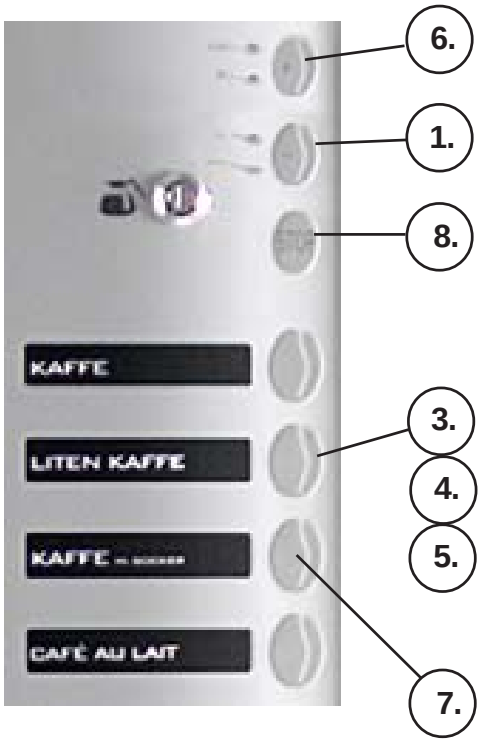


1. **Place a jug in the drip tray.**
2. Turn the key slowly ninety degrees and back again. **Push button ”E” and ”→ ”at the same time for 6 seconds. Keep buttons down.**
3. All In/Outlet valves will now start to open and close with 2 pulses/second in 10 seconds or so long you pushed the buttons.
4. The display shows: ”Cleaning valves”.
5. Push ”E” button for making a brew cycle and to rinse system from remains and lime deposit.

By cleaning is meant that valves ”knocks” away eventual scale and other particles which has been attached in the cylinders and that they are flushed away with the water.

Cup counter:

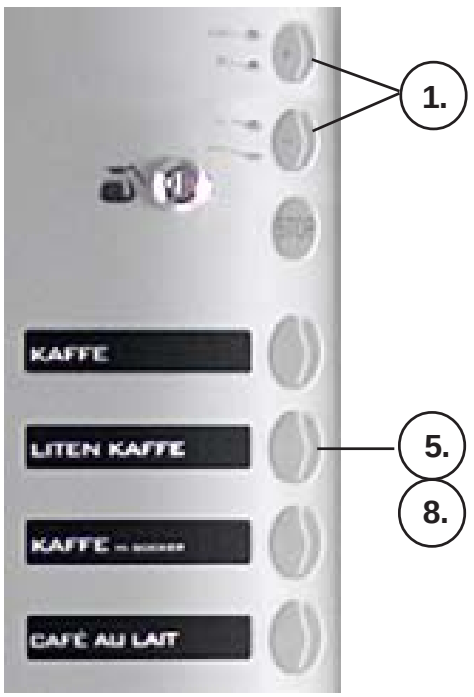
The machine has an in built cup counter which is available to see and reset with the key switch in ”cup” (normal) position.



1. **Push ”-” button in 6 seconds.**
2. After 4 seconds the signal will go faster..
   The display shows: **”Total xxx cups”**
3. Push ”E” button.
   The display shows: **”Choice 1 free xxx cups”**
4. Push ”E” button.
   The display shows **”Choice 1 coin xxx cups”**
5. Push ”E” button.
   The display shows **”Choice 1 xxx cups in can”**
6. Push ”+” button to reach to ”choice 2” etc.
7. Push choice 3 to reset the counter.
8. Push ”Stop” button to go back to user mode.

Easy Access:

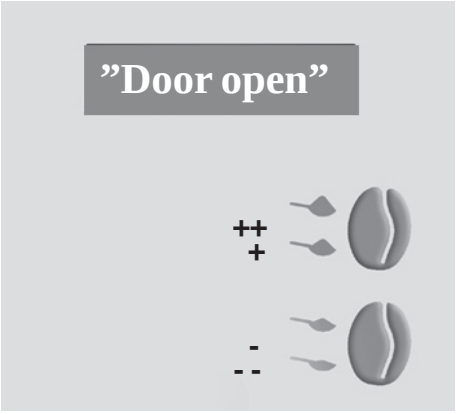
Volume and strength can be adjusted with±15% with the key switch in ”cup” (normal) position.



1. **Push ”+” and ”-” button at the same time.**
2. After 4 seconds the signal will go faster.
3. The display shows: ”Easy access” ”strength1 100%”
4. Go to right button(choice which you want to change by pushing”+” or ”-” button.
5. Push ”E” button.
6. The display shows: for example. Volume 4 and” Blinking 100%”
7. Change by pushing ”+” or ”-” button.
8. Push button 2 for entering the change.
   Press ”stop” to go back to mode.

9. Safety functions. Prince

The machine is equipped with following safety functions

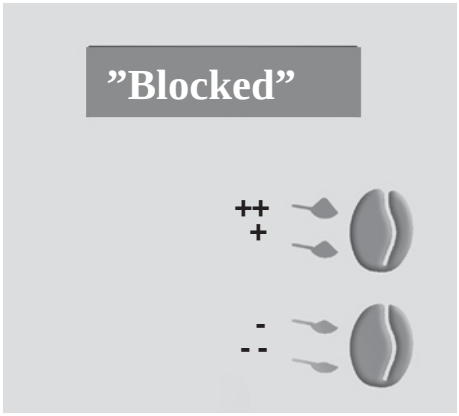


1. Indication of door
Door not closed
The display shows; ”Door open”

2. When machine is not in use:
The valves are blocked.

10. Failure messages

Failure messages which can mostly be corrected without any help from service company



1. The display shows; ” Blocked” ”Water level low”
Please check incoming water connection
Turn off the machine with the main switch wait for 10 sec. and turn on again.

2. The display shows normal: but no drink is coming.
Possible cause of failure:
Mechanical stop in the ingredients canisters or whipper.

Measure: Try to find the cause of failure. Clean the mixer system and try again.

11. Storage / Transport.

Transport and no use in long time.

1. Turn off the switch, pull out the plug and close incoming water tube.
2. Empty the water tank.
3. Keep machine free from frost.

Long machine storage at temperatures below 0ºC (zero degrees celsius) can cause damage of the machine. Total emptying of water is recommended.

Installation of coin mechanism for freshbrew machines. CQ

Important!: must only be installed by authorized, qualified personnel.

1. Assemble coin mec and connect to display-card, placed inside door. (see fig. 10).
(Connect with the enclosed cable (A)).
Make sure that machine is turned off from voltage before connecting.

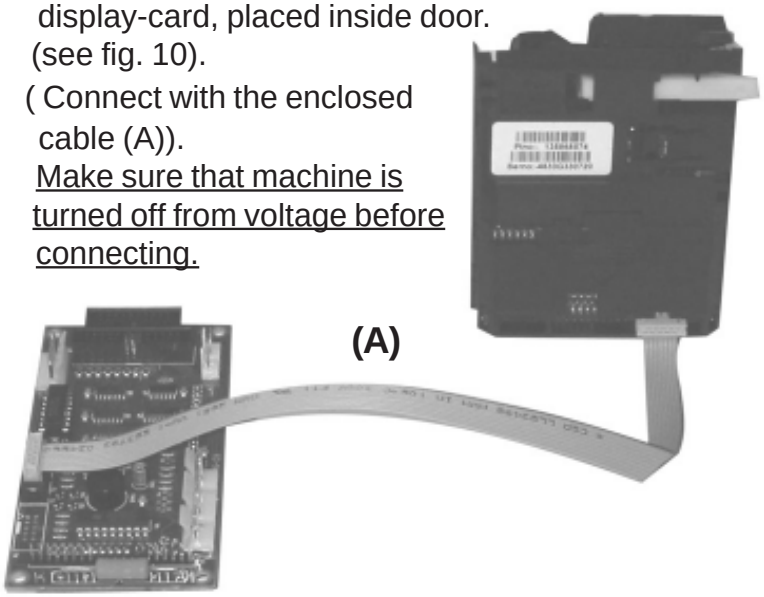
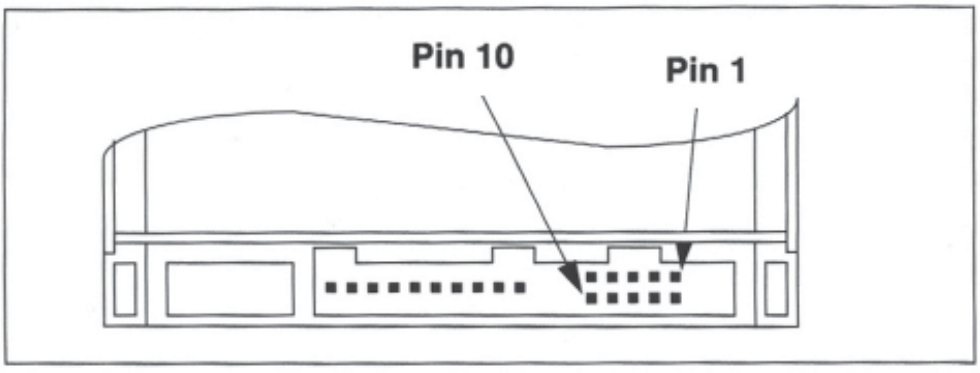
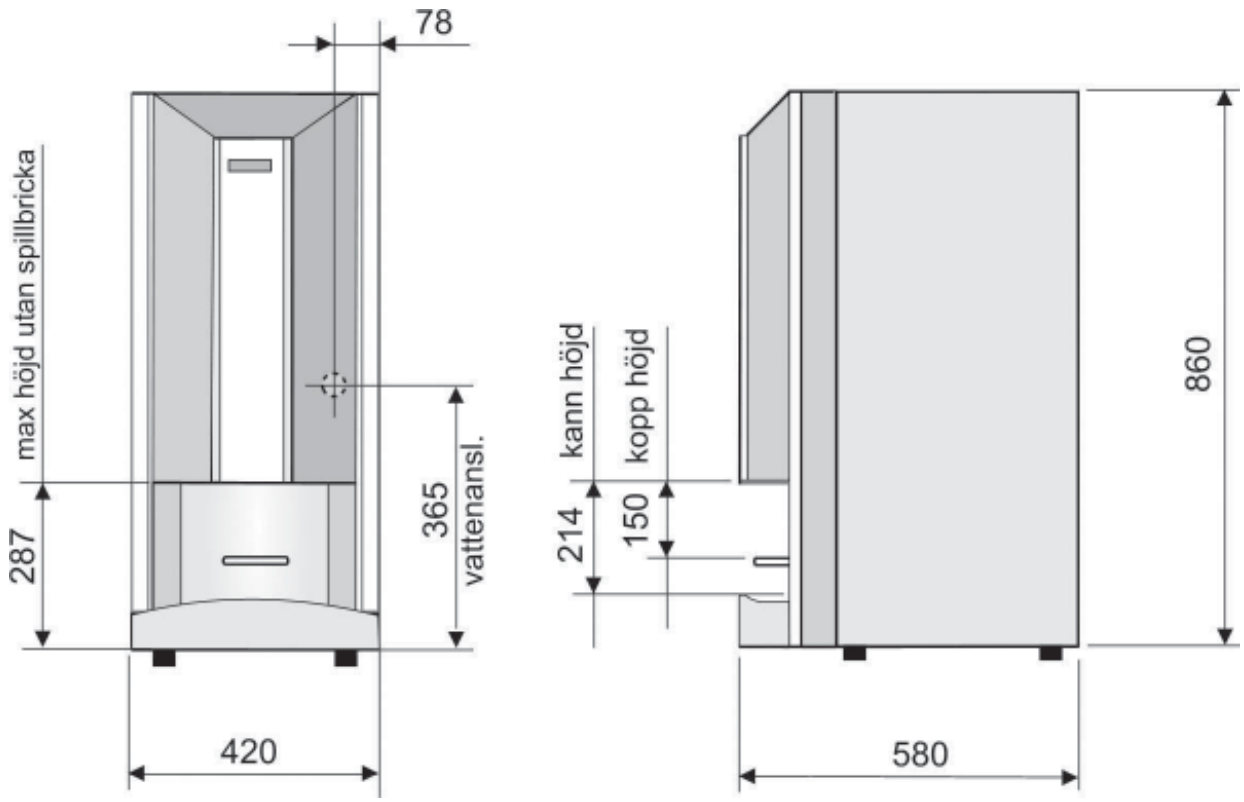


fig.(10)

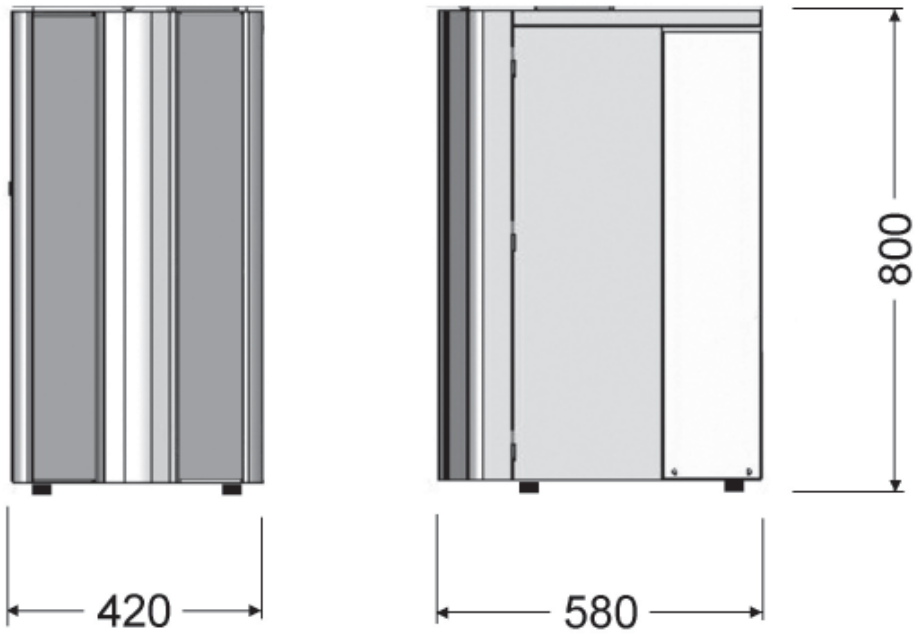
Cable connecting

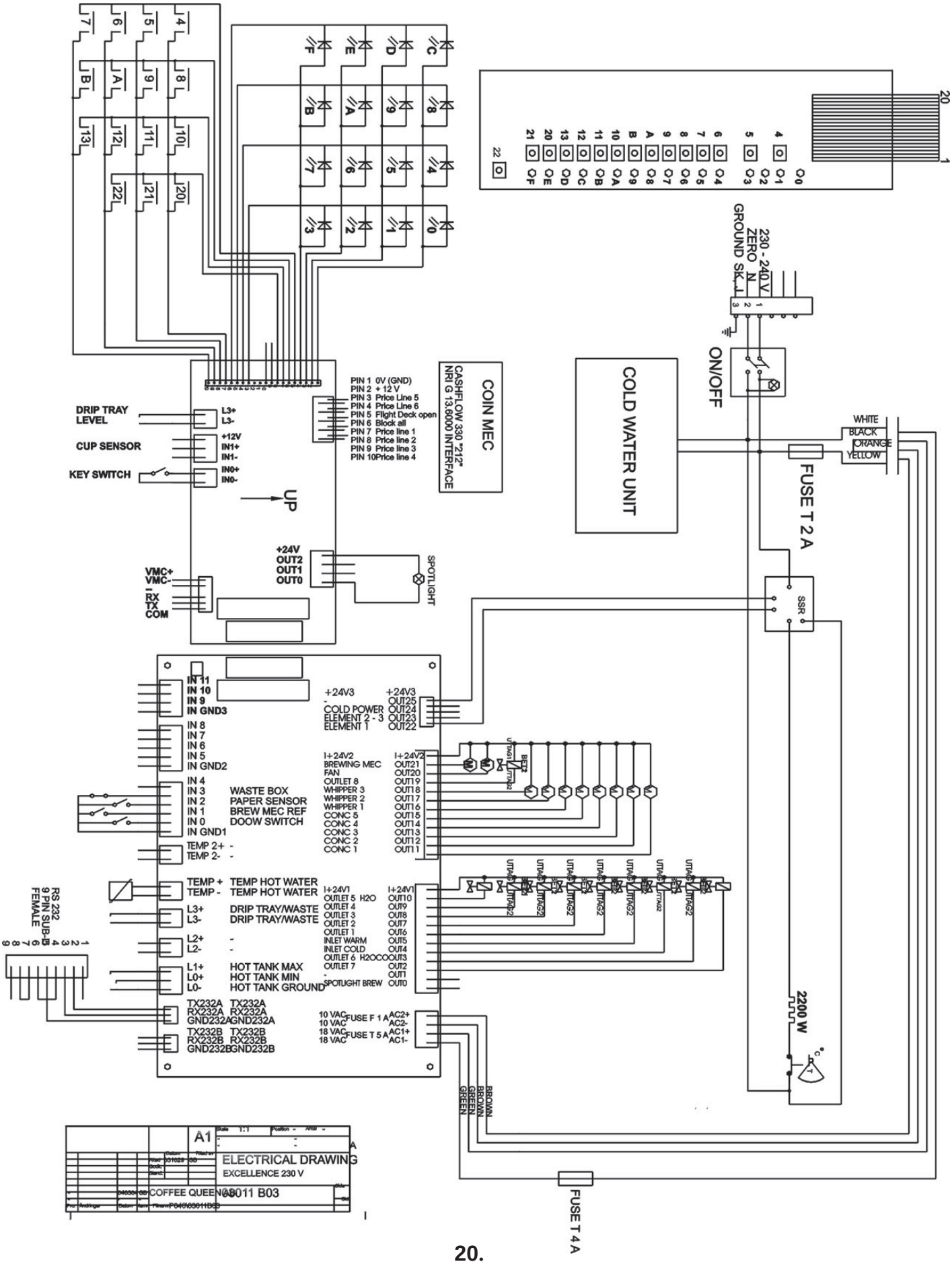


Placement contact: Version 212



Base cabinet Prince.




COIN MEC
CASHFLOW 330 "212"
NRI G 13.6000 INTERFACE
COLD WATER UNIT
ON/OFF
230 - 240 V
ZERO N
GROUND SK_1
FUSE T 2 A
FUSE T 4 A
SSR
2200 W
SPOTLIGHT
DRIP TRAY LEVEL
CUP SENSOR
KEY SWITCH
WHITE
BLACK
ORANGE
YELLOW
BROWN
BROWN
BROWN
GREEN
RS 232
9 PIN SUB-D
FEMALE
ELECTRICAL DRAWING
EXCELLENCE 230 V
COFFEE QUEEN 03011 B03

COFFEE QUEEN

Prince

FOR SERVICE

Please contact your retail dealer

Your retail dealer

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COFFEE QUEEN AB, Box 960, 671 29 ARVIKA, besöksadress; Korpralsv 1B,
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